DOCUMENT RESUME

ED 271 634 CE 044 799

AUTHOR Tierney, Margaret S.; And Others
TITLE Your Ideal Silhouette. Courseware Evaluation for Vocational and Technical Education.
INSTITUTION Ohio State Univ., Columbus. National Center for Research in Vocational Education.
SPONS AGENCY Office of Vocational and Adult Education (ED), Washington, DC.
PUB DATE 20 Aug 86
NOTE 9p.; For a related evaluation, see ED 244 058.
PUB TYPE Reports - Evaluative/Feasibility (142)

EDRS PRICE MF01/PC01 Plus Postage.
DESCRIPTORS Adult Education; *Clothing; *Clothing Design; *Computer Software Reviews; *Courseware; Home Economics; Instructional Material Evaluation; Postsecondary Education; Secondary Education
IDENTIFIERS *Wardrobe Planning

ABSTRACT

This courseware evaluation rates the "Your Ideal Silhouette" program developed by Your Image, Inc. This program (not contained in this document) uses the computer to identify figure faults and illustrate personalized corrective style lines to achieve the ideal silhouette. Part A describes the program in terms of subject area (textiles and clothing, wardrobe planning), hardware requirements (Apple II, II+, IIe; TRS-80 III, 4; IBM PC), indicates its suitability for use from grades 9 and up, lists accompanying materials (workbook, instructor guide), and gives a time estimate (15 minutes). Availability information includes cost ($199.95; workbook--$6.50) and contact address. Part B contains the evaluation criteria in eight categories: reviewer ratings appear as "yes," "somewhat," "no," and "not applicable," with explanatory comments. Part C summarizes the evaluation. Strengths are good use of time and comprehensiveness. Weaknesses include confusing booting directions and lack of graphics. The program received "yes" ratings for subject matter, technical presentation, student interaction, and application programs and "somewhat" for documentation. Program interaction, student evaluation, and work behaviors were not applicable. The program is recommended for use in a textiles and clothing lab, in extension programs, or with a color analysis program. (SK)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED271634

YOUR IDEAL SILHOUETTE

COURSEWARE EVALUATION

FOR

VOCATIONAL AND TECHNICAL EDUCATION

The evaluation of this courseware program was conducted by a team participating in the Courseware Evaluation Network. The Network, established in 1985, is coordinated by the National Center for Research in Vocational Education under the sponsorship of the U.S. Department of Education, Office of Vocational and Adult Education. The purpose of the Network is to identify and evaluate microcomputer courseware, and to disseminate courseware reviews for vocational and technical education.

Each Network team includes three members, at least one of which is, or recently has been, a vocational or technical teacher in the subject matter area of the courseware being evaluated. The evaluation represents a synthesis of the opinions of the team members. It is suggested that the evaluation be used as a first screening device for courseware and that the teacher also evaluate the courseware program on the basis of specific student needs.

The Courseware Evaluation: Form and Guide used for all of the Network evaluations was developed by the National Center and is available through its cost-recovery system.

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

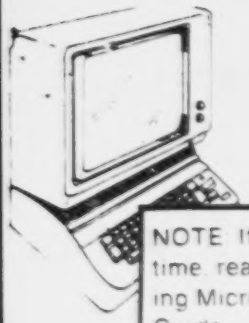
✓ This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

THE NATIONAL CENTER
FOR RESEARCH IN VOCATIONAL EDUCATION
THE OHIO STATE UNIVERSITY
1960 KENNY ROAD · COLUMBUS, OHIO 43210

CE 044799



COURSEWARE EVALUATION FORM

Margaret S. Tierney, Instructor, Textiles and Clothing, Ohio State University; Shirley A. Chase and Rita Horn, National Center for Research in Vocational Education.

NOTE: If you are using this form for the first time, read the instructions in the accompanying Microcomputer Courseware Evaluation Guide.

Evaluator ~~Chase and Rita Horn, National~~ Center
Position for Research in Vocational Education.
Date August 20, 1986

Part A: Courseware Description

In the following sections, record descriptive information about the courseware that you are evaluating.

I. IDENTIFICATION

Program Title Your Ideal Silhouette. Date 1985

Series Title

Vocational Area(s) Home Economics

Subject Area(s) Textiles and Clothing

Topic(s) Wardrobe Planning

Developing Agency Your Image, Inc.

Street or P.O. Box 824 Lafayette Drive

City Akron, State OH Zip 44303 Phone(216) 867-5992

Author(s) Florin, Gail F.

Programmer(s) Stewart, David G.

II. HARDWARE REQUIREMENTS

Microcomputer* Apple II,II+,IIe
(brand/model)

K Memory Required 48K
(number)

Medium of Transfer (include number of each):

__ Tape cassette
__ ROM cartridge
1 5¼" Flexible disk
__ 8" Flexible disk
__ Other _____ (specify)

Programming Language _____ DOS Specifications _____

Other Specifications _____

Peripherals Needed (check all that apply):

__ Color monitor
X One disk drive
__ Two disk drives
__ Plotter
__ Game paddle(s)
__ Joystick(s)
__ Modem
__ Mouse
__ Printer
__ Graphics tablet
__ Light pen
__ Voice/sound instrument
__ Clock
__ Video disk
__ Touch screen
__ Ten-key number pad
__ Other _____ (specify)

*NOTE: Provide the above information for any additional hardware on which this program can be used. TRS-80 III,4; IBM PC

III PROGRAM FEATURES (check all that apply)

- ___ Network version provided
- ___ Multiple copies required
- ___ Program can be modified
- X Program protected
- ___ Data disk needed
- ___ Field-test data available

IV INSTRUCTIONAL SETTING

Program mode (check all that apply):

- X Application
- ___ Drill and practice
- ___ Educational gaming
- ___ Simulation
- ___ Tutorial
- ___ Other _____ (specify)

Student Target Population (check all that apply):

- X Regular
- X Disadvantaged
- ___ Handicapped
- ___ Limited English
- ___ Bilingual
- ___ Gifted

Grade Level (check all that apply):

- ___ K-6
- ___ 7-8
- X 9-10
- X 11-12
- X 13-14
- X Adult
- X Higher Education

Instructional Grouping (check all that apply):

- X Individual
- ___ Small group (up to 4)
- ___ Large group (4 or more)
- ___ competitive interaction
- ___ cooperative interaction

Prerequisite Student Skills (specify) Understand fashion terminology and know how to use a tape measure properly.

Accompanying Materials (specify types):

Documentation _____

Student support materials Workbook (must be purchased separately; one per student).

Teacher support materials Instructor Guide.

Correlated materials _____

Estimated Time for Use 15 minutes for running program after measurements are taken.

V AVAILABILITY

- ___ Free _____ (copies)
- ___ Loan _____ (time)
- ___ Duplication (requestor supplies disk)
- X Sale $ 199.95; $6.50 for workbook.
- ___ Rent $ _____ (time)

Copyright Restrictions (explain) Copyright 1985, Your Image, Inc.

Back-up Policy (explain) _____

Preview Policy (explain) _____

Update Policy (explain) _____

Contact Your Image, Inc.

Street or P.O. Box 824 Lafayette Drive

City Akron, State OH Zip 44303 Phone (216) 867-5992

Part B: Courseware Evaluation Criteria

Indicate the applicability of each section to the courseware being evaluated by checking either "__ A" (applicable) or "__ N/A" (not applicable). If a section is not applicable, proceed to the next section. If a section is applicable, check the column that indicates how well the courseware meets each criterion. Include any comments.

	YES	SOME-WHAT	NO	N/A	COMMENTS
I. SUBJECT MATTER _x_ A __ N/A					
1. Subject matter has educational value.	x				
2. Student objectives are stated.		x			
3. Subject matter is accurate.	x				
4. Subject matter is logically presented.	x				
5. Subject matter is free of race, ethnic, sex, and other stereotypes.				x	For women only.
6. Subject matter is on the level of the students.	x				
7. Information and skills presented are comparable to those used in the home, business, or industry.	x				
8. Subject matter motivates students to learn.		x			
9. Subject matter is reviewed and summarized.			x		
10. Program utilizes the unique capabilities of the microcomputer to present the subject matter.	x				
II. TECHNICAL PRESENTATION _x_ A __ N/A					
1. Program is free of technical problems.	x				
2. Presentation rate is adequate to maintain interest.	x				
3. Information on the screen is easy to read.	x				
4. Program is free of spelling and grammatical errors.	x				
5. Program instructions are easy to follow.	x				No instructions for booting.
6. Color increases the instructional value of the program.				x	No color.
7. Audio increases the instructional value of the program.				x	No audio.
8. Graphics increase the instructional value of the program.			x		

	YES	SOME-WHAT	NO	N/A	COMMENTS
III. STUDENT INTERACTION _x_ A ___ N/A					
1. Students can use the program with minimal assistance.		x			Booting directions unclear.
2. Students are actively involved in the program.	x				
3. Students control the pace of the program.	x				
4. Students can access the program "menu(s)" to change activities.	x				
5. Students are permitted to change answers.	x				
6. Methods of responding correspond to the level of the program.	x				
7. Students' errors of entry are processed so that the program continues to run.	x				
8. Students can access available "help" and "hint" options at any time.			x		
9. Students can enter or exit the program as desired.		x			At menu only.
10. Students control the sequence of the program.		x			
IV. PROGRAM INTERACTION ___ A _x_ N/A					
1. Feedback is immediate.					
2. Cues and prompts are provided to assist students in answering correctly.					
3. Feedback reinforces the correct responses.					
4. Feedback is nonthreatening.					
5. Program helps students understand wrong answers.					
6. Program gives the correct answer after a reasonable number of tries.					
7. Positive reinforcement is varied.					
8. Program has the ability to branch/loop depending upon students' performance.					
9. Feedback is on the level of the student.					
V. STUDENT EVALUATION ___ A _x_ N/A					
1. Evaluation provides a means for measuring attainment of objectives.					
2. Program reports which items were missed and which were correct.					

	YES	SOME-WHAT	NO	N/A	COMMENTS
V. STUDENT EVALUATION—*Continued*					
3. Individual student performance results are available to the teacher.					
4. Class performance results are available to the teacher.					
5. Program provides for printed copies of evaluations.					
6. Test item formats are suited to the material being tested.					
7. Test items are clearly stated.					
8. Test item bank is provided.					
VI. DOCUMENTATION x A ___ N/A					
1. Documentation is easy to understand.		x			
2. Documentation is accurate.		x			Incomplete
3. Student objectives are stated.		x			
4. Underlying concepts are outlined.	x				
5. Skills to be developed are specified.		x			
6. Procedures for integrating the program into the curriculum are provided.			x		
7. Follow-up activities are suggested.			x		
8. Documentation explains the intended use of support materials.	x				
9. Sufficient information is provided to operate the program.		x			Data is erased without warning at end of program.
VII. WORK BEHAVIORS ___ A x N/A					
1. Program helps students identify their vocational skills.					
2. Program promotes pride in work.					
3. Program promotes productivity.					
4. Program encourages good work habits.					
5. Problem solving is encouraged.					
6. Program promotes good human relations skills.					
7. Program provides an opportunity for work satisfaction and self-fulfillment.					
8. Program encourages creativity.					

Part B: Courseware Evaluation Criteria

	YES	SOME-WHAT	NO	N/A	COMMENTS
VIII. APPLICATION PROGRAMS _x_ A ___ N/A (to be completed for application programs **only**)					
1. Program is adaptable to the needs of the student.	x				
2. Commands are easily remembered.	x				
3. Information is easily manipulated.			x		
4. Corrections are easy to make.		x			
5. Program includes all necessary variables.		x			Omits face shapes, heel height, hair styles.
6. Program performs reliably.	x				
7. Program efficiently achieves its intended purpose.	x				
8. Trial data are supplied for learning to run the program.			x		Would be helpful.
9. Program provides for use of printer when hard copy of information is advantageous.	x				
10. Program moves from operation to operation efficiently.	x				
11. Program is compatible with other application programs.				x	
12. Program has a supplementary tutorial program available.			x		

Part C: Courseware Evaluation Summary

1. SUMMARY COMMENTS

Identify strengths of the courseware Comprehensive. Good use of the computer, saves students time. Makes data readily available.

Identify weaknesses of the courseware Directions on how to boot the program are incomplete and confusing. At the end of the program, you lose data without being warned. Few objectives stated. Graphics would add to the instructional value of the program.

Describe uses of the courseware in an instructional setting In a Textiles and Clothing Lab, in extension programs, department stores, or with a color analysis program.

2. SUMMARY OF SECTION

Rate the quality of the courseware for each applicable section of this form by checking the appropriate column. If not applicable, check N/A.

	YES	SOME-WHAT	NO	N/A
I. SUBJECT MATTER: Content has educational value.	x			
II. TECHNICAL PRESENTATION: Program is free of malfunctions.	x			
III. STUDENT INTERACTION: Students are actively involved with the program.	x			
IV. PROGRAM INTERACTION: Feedback is effectively employed.				x
V. STUDENT EVALUATION: Evaluation adequately measures student progress.				x
VI. DOCUMENTATION: Documentation is sufficient to run the program.		x		
VII. WORK BEHAVIORS: Program assists students in developing positive work attitudes and skills.				x
VIII. APPLICATION PROGRAMS: Program performs the task for which it is intended.	x			

3. FINAL RECOMMENDATION

Check your recommendation for the courseware and explain your reasons below

___ Highly recommend
_x_ Recommend
___ Recommend with reservations
___ Do not recommend